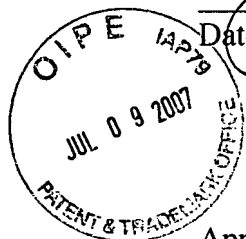


(F)

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 5, 2007      Jennifer Badley  
Date      Jennifer Badley



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Clarence T. Tegreene  
Application No. : 10/814,454  
Filed : March 31, 2004  
TITLE : MOTE NETWORKS USING DIRECTIONAL ANTENNA  
TECHNIQUES  
Confirmation No. : 8393

Examiner : Lee Nguyen  
Art Unit : 2618  
Docket No. : 0104-003-007-000000  
Customer No. : 44,765

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
SUBMITTED AFTER FIRST OFFICE ACTION

Sir:

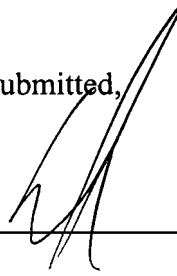
Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), Applicant brings to the attention of the Examiner the documents listed on the attached PTO-1449 (substitute form). Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. Pursuant to 37 CFR 1.98(a)(2), copies of the foreign patent documents and non-patent literature are attached.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Based on reasonable inquiry, no document listed in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,



---

Dale R. Cook  
Registration No. 42,434

DRC:jmb

Enclosures:

Postcard  
Form PTO-1449 (substitute)  
Cited References (4)

Searete LLC  
1756 – 114<sup>th</sup> Ave. S.E., Suite 110  
Bellevue, WA 98004  
(425) 467-2300  
(425) 467-2351 Facsimile

[http://isf.intven.com/shared documents/Patents Filed-Active Drafts/Data Architecture-003/0104-003-007-Mote Netwks-Direc Antenna Techs/IDS-after 1st OA-3mo cert\(7\).doc](http://isf.intven.com/shared documents/Patents Filed-Active Drafts/Data Architecture-003/0104-003-007-Mote Netwks-Direc Antenna Techs/IDS-after 1st OA-3mo cert(7).doc)

Substitute for form 1449A/PTO

# SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS

(Use as many sheets as necessary)

Sheet 1 of 1      Application Number 10/814,454  
 Filing Date March 31, 2004  
 First Named Inventor Clarence T. Tegreene  
 Group Art Unit 2618  
 Examiner Name Lee Nguyen  
 Attorney Docket Number 0104-003-007-000000

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AA	CULLER, DAVID E.; MULDER, HANS; "Smart Sensors To Network The World"; Scientific American; printed on June 26, 2007; pp. 1-10; <a href="http://www.intel.com/research/exploratory/smartnetworks.htm">http://www.intel.com/research/exploratory/smartnetworks.htm</a>
	AB	FALL, KEVIN; "A Delay-Tolerant Network Architecture For Challenged Internets"; Intel Research Berkeley; February 26, 2003; pp. 1-14; ACM Press
	AC	GOVINDAN, RAMESH; KOHLER, EDDIE; ESTRIN, DEBORAH; BIAN, FANG; CHINTALAPUDI, KRISHNA; GNAWALI, OM; GUMMADI, RAMAKRISHNA; RANGWALA, SUMIT; STATHOPOULOS, THANOS; "Tenet: An Architecture For Tiered Embedded Networks"; pp. 1-8
	AD	STATHOPOULOS, THANOS; GIROD, LEWIS; HEIDEMANN, JOHN; ESTRIN, DEBORAH; "More Herding For Tiered Wireless Sensor Networks"; Center For Embedded Networked Sensing; pp. 1-14; UCLA, Department Of Computer Science / USC, Information Sciences Institute

OMB 0651-0031

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.